

List of Contributors :

C. N. R. Rao, A. Govindaraj,
F. Leonard Deepak and
T. Poovarasan
Ping Sheng, Weijia Wen,
Lingyun Zhang, N. Wang,
Z. Lin, H. Ma, C. T. Chan and
Wing Yim Tam,
C. C. Koch,
D. Chakravorty, S. Banerjee,
M. Pal, P. Brahma, S Roy,
B. Roy and D. Das
S. K. Joshi and Ratan Lal
A. K. Raychaudhuri
H. Jain
E. S. R. Gopal, J. T. Devaraju,
and S. Asokan
M. K. Sanyal, S. Banerjee,
S. R. Bhattacharyya,
P. Chakraborty, T. K. Chini,
A. Datta, D. Ghosh, S. Hazra,
S. Kundu and M. Mukherjee

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We are happy to announce that the year 2001 is a significant year in the history of IACS as it marks the celebration of two important events namely,

- 75th year of publication of Indian Journal of Physics
- 125th year of existence of Indian Association for the Cultivation of Science

To commemorate these two events of historical interests, the Board of Editors has decided to publish Special Commemoration Volumes in a larger scale so as to reach all sections of readers. Consequently, 6 Special Volumes will be published (through Messrs. Allied Publishers Pvt. Ltd., New Delhi) in frontier areas of current interests, along with another publication from us on "Landmark Publications in IJP in past 75 years". Volume 1 (Frontiers in Materials Physics) has just been published and other publications in the areas of Astrophysics (Vol. 2), Atomic and Molecular Physics (Vol. 3), High Energy Physics (Vol. 4), Condensed Matter Physics (Vol. 5) and Biophysics (Vol. 6), will be made within this year. Announcements will appear in the IJP issues regularly and interested readers and subscribers, for the purchase of these Volumes, may contact us for 'Landmark Publication' and M/s. Allied Publishers Pvt. Ltd. for Volumes 1-6.

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Italy's space partners left in the dark

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Engineering medium-range order into amorphous materials
(*Nature*, 26 September 2002)

Stressful islands reshape silicon
Nanoscale stresses make solids flow
(*Phys. Rev. Lett.*, 2002)

Muscle power
Artificial muscles for all-organic mechanical actuation
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In brief: Atomic artifice
Probing the electronic structure of artificial atoms
(*Nature*, 19 September 2002)



In brief: BEC to basics
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Phys. Rev. Lett., 10 September 2002)



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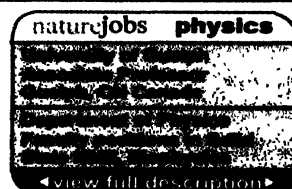
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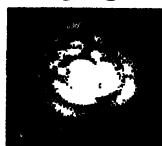
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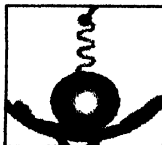
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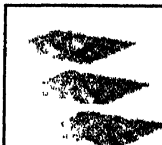
Self-healing tweezers
Optical tweezers that reconstruct themselves to trap many particles at a time (*Nature*, 12 September 2002)



Electric powder
Enhancing the preparation of powders with electrical discharges (*Nature*, 12 September 2002)



In brief: Acoustic time-reversal
First demonstration of the time-reversal of an ultrasonic source (*Phys. Rev. Lett.*, 30 August 2002)



In brief: Refining quanta
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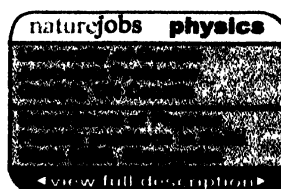
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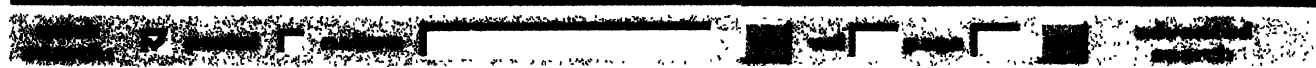
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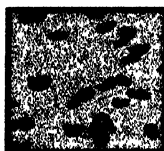
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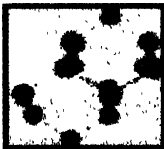
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Getting the measure of sonoluminescence (*Nature*, 5 September 2002)



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Measuring the decay of holograms in the dark (*Appl. Phys. Lett.*, 5 September 2002)



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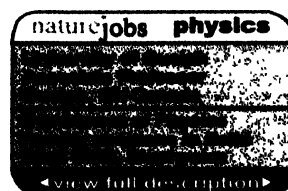
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